

Differentiated Content and Application Delivery via Internet

ABSTRACT OF THE DISCLOSURE

5 A technique for centralized and differentiated content and application
delivery system allows content providers to directly control the delivery of
content based on regional and temporal preferences, client identity and con-
tent priority. A scalable system is provided in an extensible framework for
10 edge services, employing a combination of a flexible profile definition lan-
guage and an open edge server architecture in order to add new and unfore-
seen services on demand. In one or more edge servers content providers are
allocated dedicated resources, which are not affected by the demand or the
delivery characteristics of other content providers. Each content provider
15 can differentiate different local delivery resources within its global allo-
cation. Since the per-site resources are guaranteed, intra-site differentia-
tion can be guaranteed. Administrative resources are provided to dynamically
adjust service policies of the edge servers.